



Motorola V276 Flex Cable Replacement

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INTRODUCTION

Installing a new flex cable for the Motorola V276 phone



TOOLS:

- [Spudger](#) (1)
- [T6 Torx Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)



PARTS:

- [Motorola V276 Flex Cable](#) (1)

Step 1 — Battery



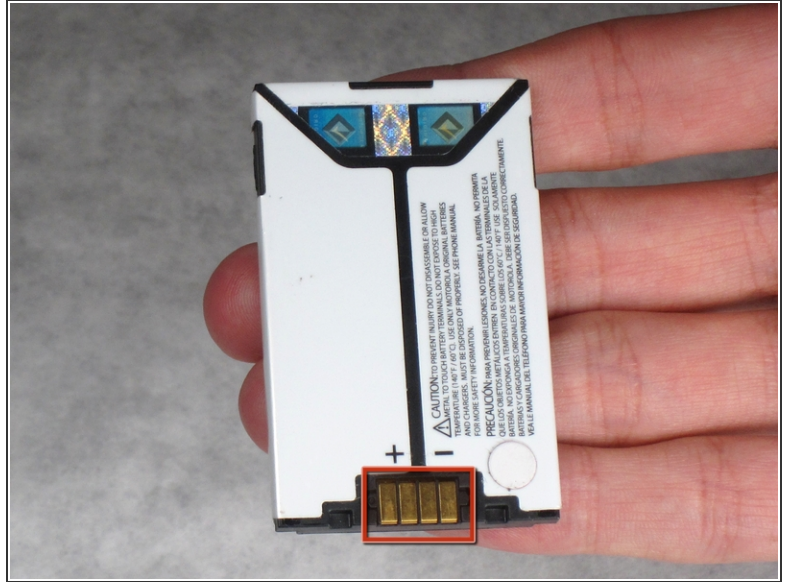
- Locate the silver button on the back of the phone, near the bottom.
- Press down the button with one hand whilst sliding the back cover of the phone *away* from the antenna.
- The back cover should slide off easily.

Step 2



- Insert a plastic spudger near one corner of the battery (preferably one furthest from the phone's antenna).
- With a firm grip, gently lift the end of your tool up. The battery should easily raise out of its place.
- Now that the battery is exposed, use your fingers to remove the it from the phone.

Step 3



- Note the metal connections on the phone, which are now exposed with the battery removed.
- There are corresponding metal connectors on the replacement battery.
- When you install the battery, be sure both connectors are matched up. Otherwise, your battery will be unable to supply power to your phone.

Step 4 — Motherboard



- Use Spudger to remove rubber plug from upper left corner of the back of the phone

Step 5



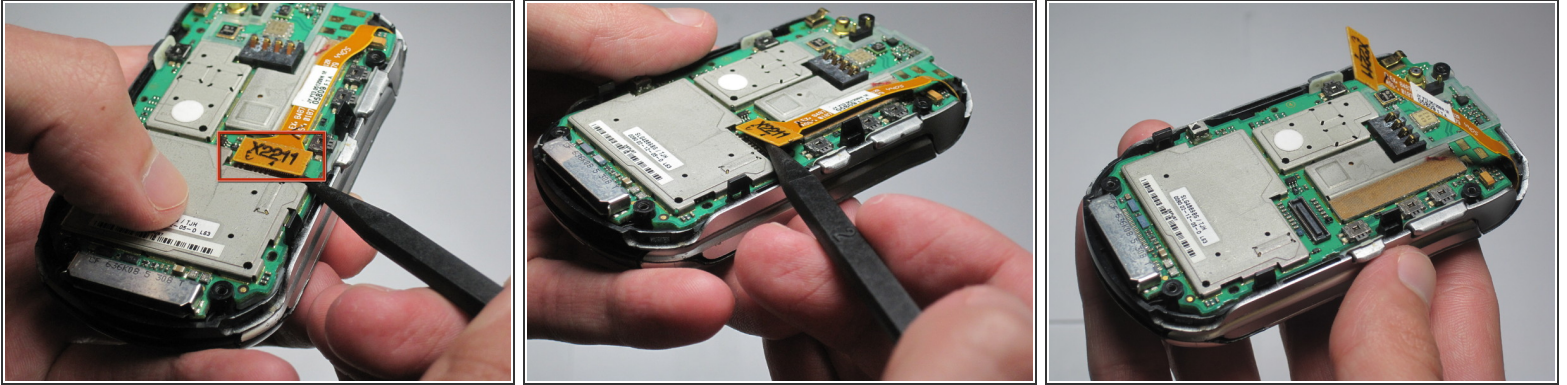
- Using a Torx T6 screwdriver, remove the 4 screws holding the back plate of the phone in place

Step 6



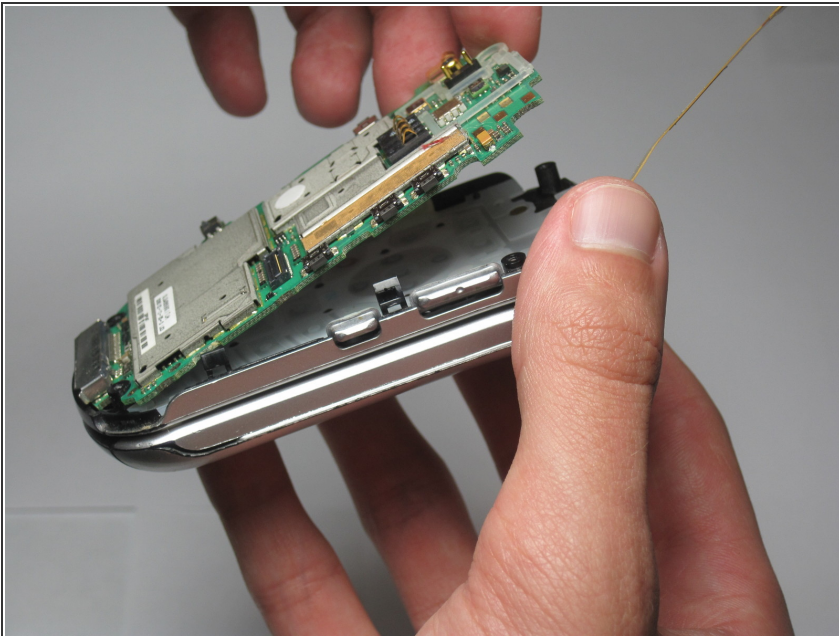
- There will be three tabs holding the back plastic plate in
 - To remove the back plate, pull the tabs towards the outside of the phone and lift the plate up simultaneously
- ⚠ Be careful when removing the back plate; don't put too much stress on the back plate or the plastic may snap

Step 7



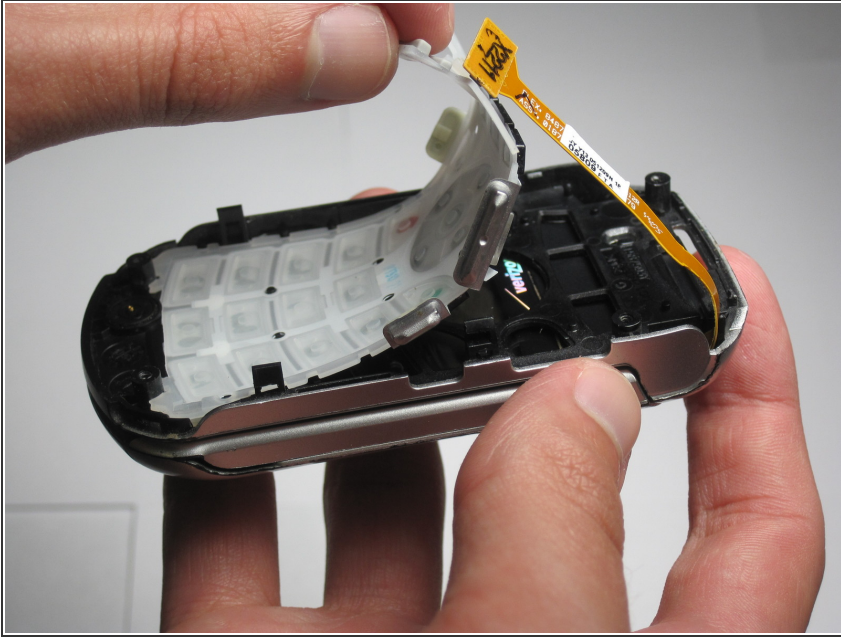
- Remove the flex from the mother board using the Spudger
- ⚠ Be delicate while removing the ribbon cable because it is slightly fragile and it is necessary for the phone to function

Step 8



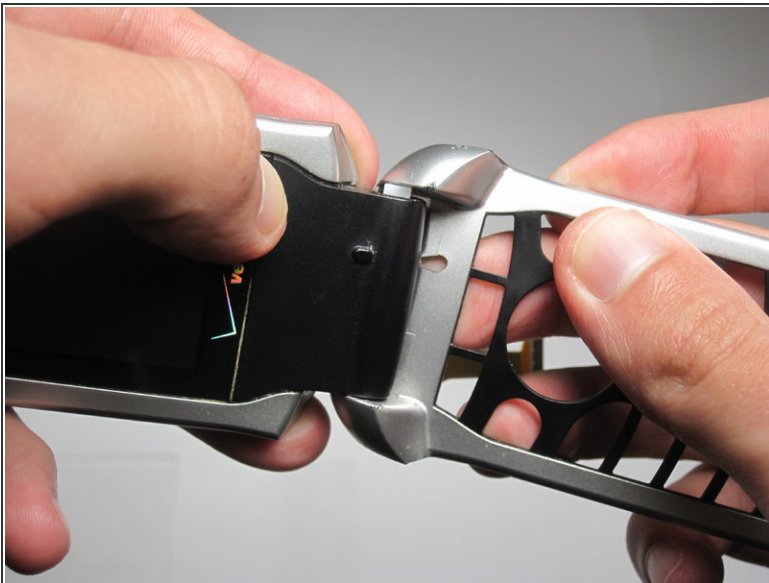
- Gently peel back the motherboard from the main part of the phone.

Step 9 — Flex Cable



- Remove the keypad from the bottom half of the phone.

Step 10



- Detach bottom half of phone by pulling out on the bottom half and pulling up on the top half

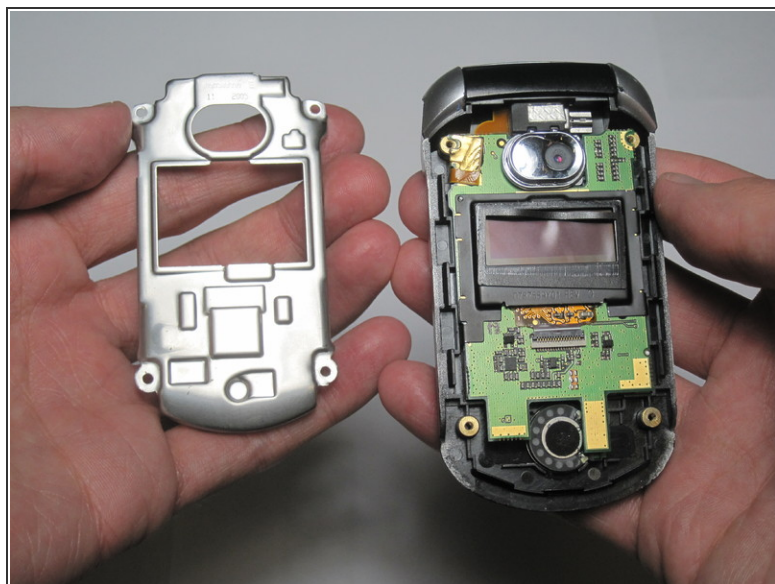
⚠ A small amount of force is necessary to pull the two pieces apart but be careful because the plastic may break

Step 11



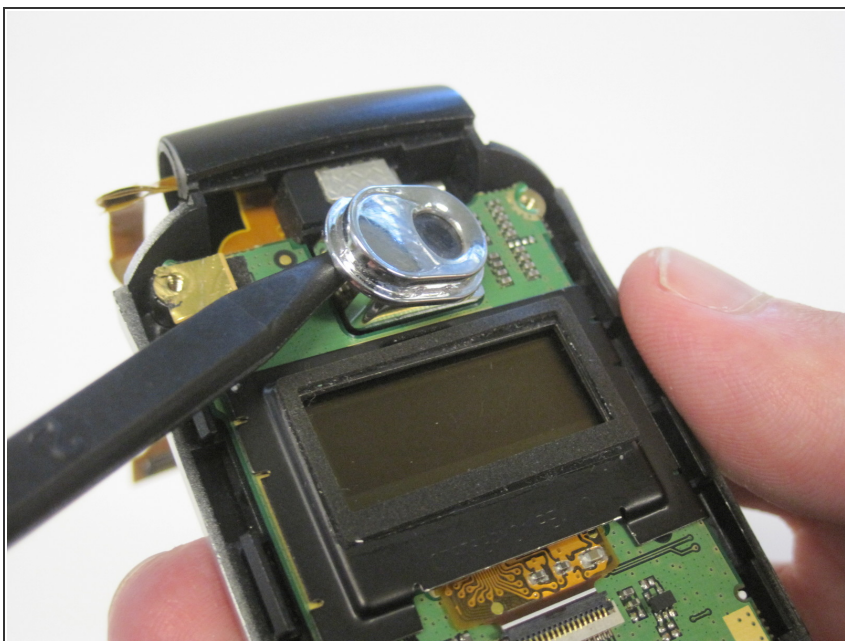
- Using the iPod remover tool, remove the front cover of the phone

Step 12



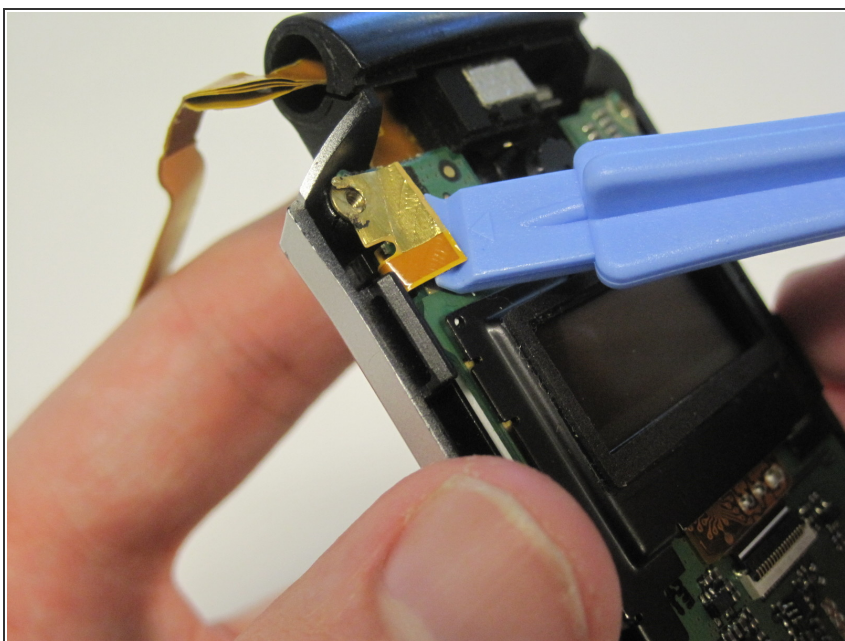
- Remove the four screws holding in the metal cover.

Step 13



- Using the spudger remove the plastic protector case around the camera

Step 14



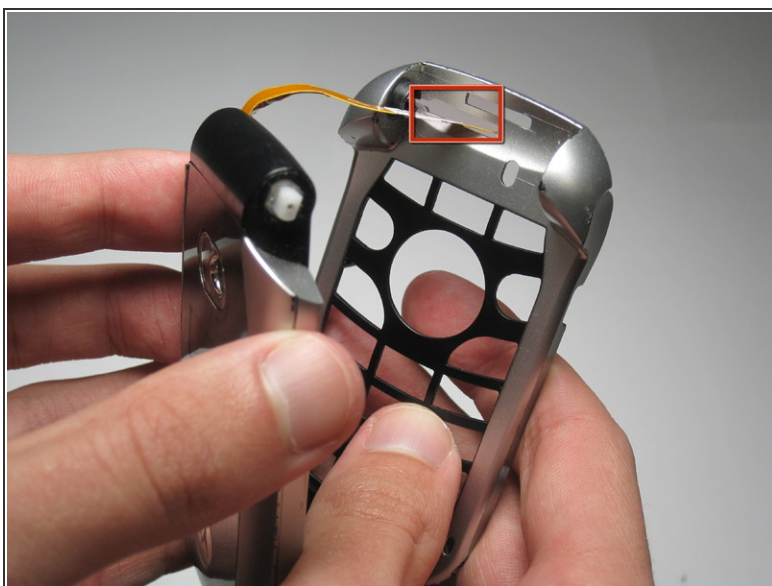
- Using iPod remover tool peel off gold sticker that holds the flex cable in place

Step 15



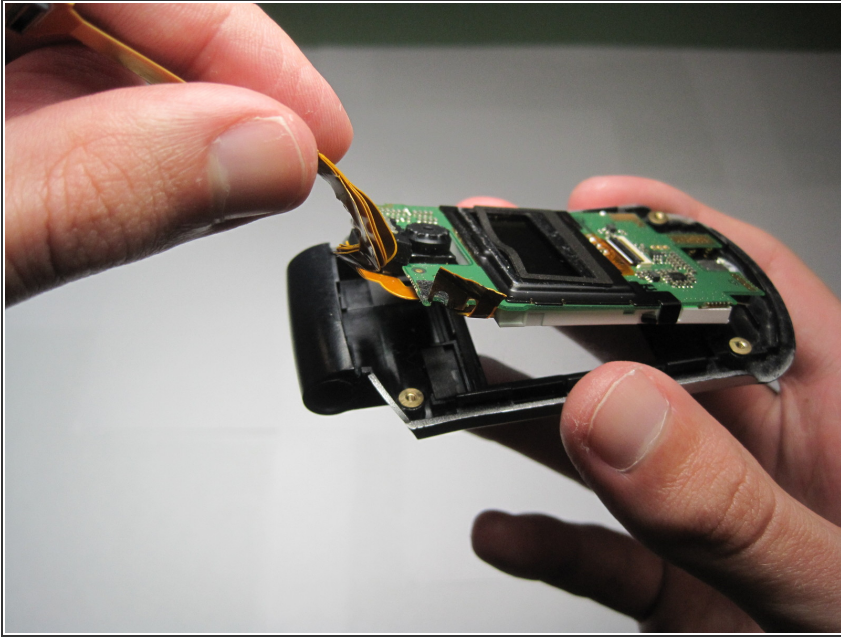
- Slide flex cable through the tiny slit located in the hole on the side of the frame

Step 16



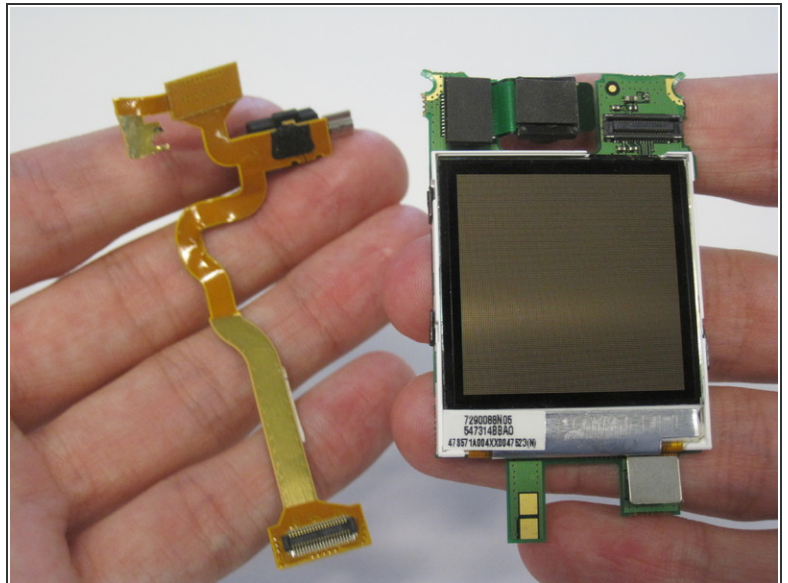
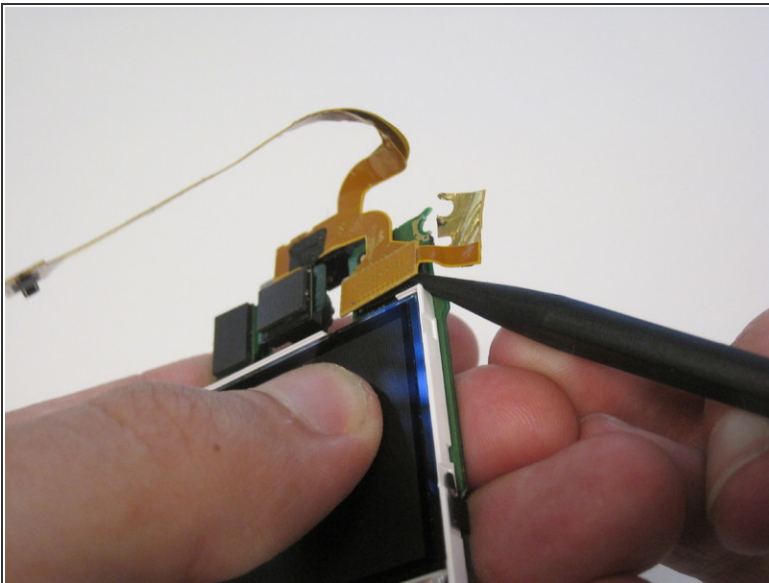
- Slide Flex cable through the rectangular hole in the bottom half of the frame

Step 17



- Remove the flex cable and the green logic board (still connected) from the frame of the phone

Step 18



- Using the Spudger detach the flex from the green logic board

To reassemble your device, follow these instructions in reverse order.

